FIGURE 1
(prior art)

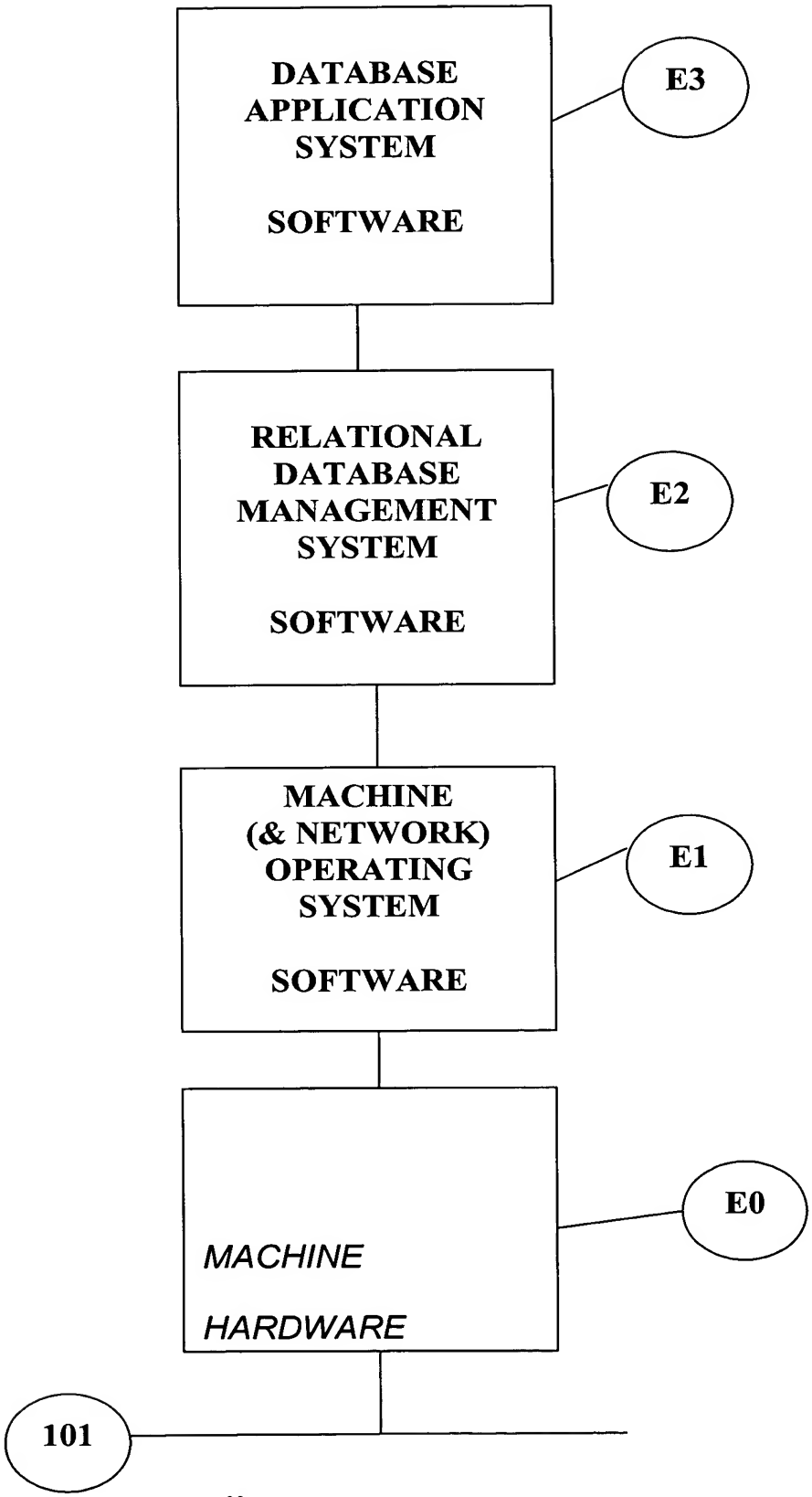


FIGURE 2
(prior art)

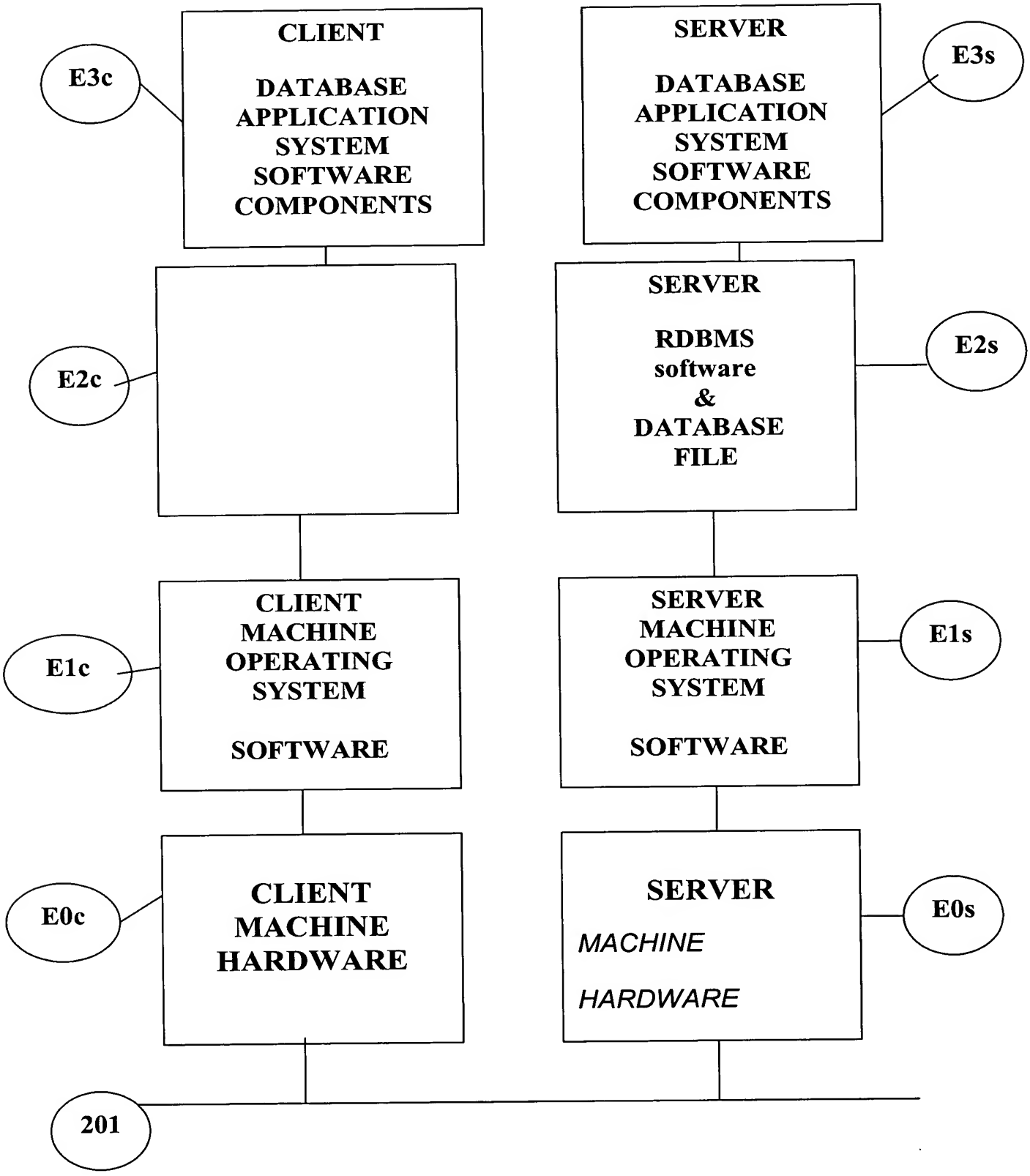


FIGURE 3
(prior art)

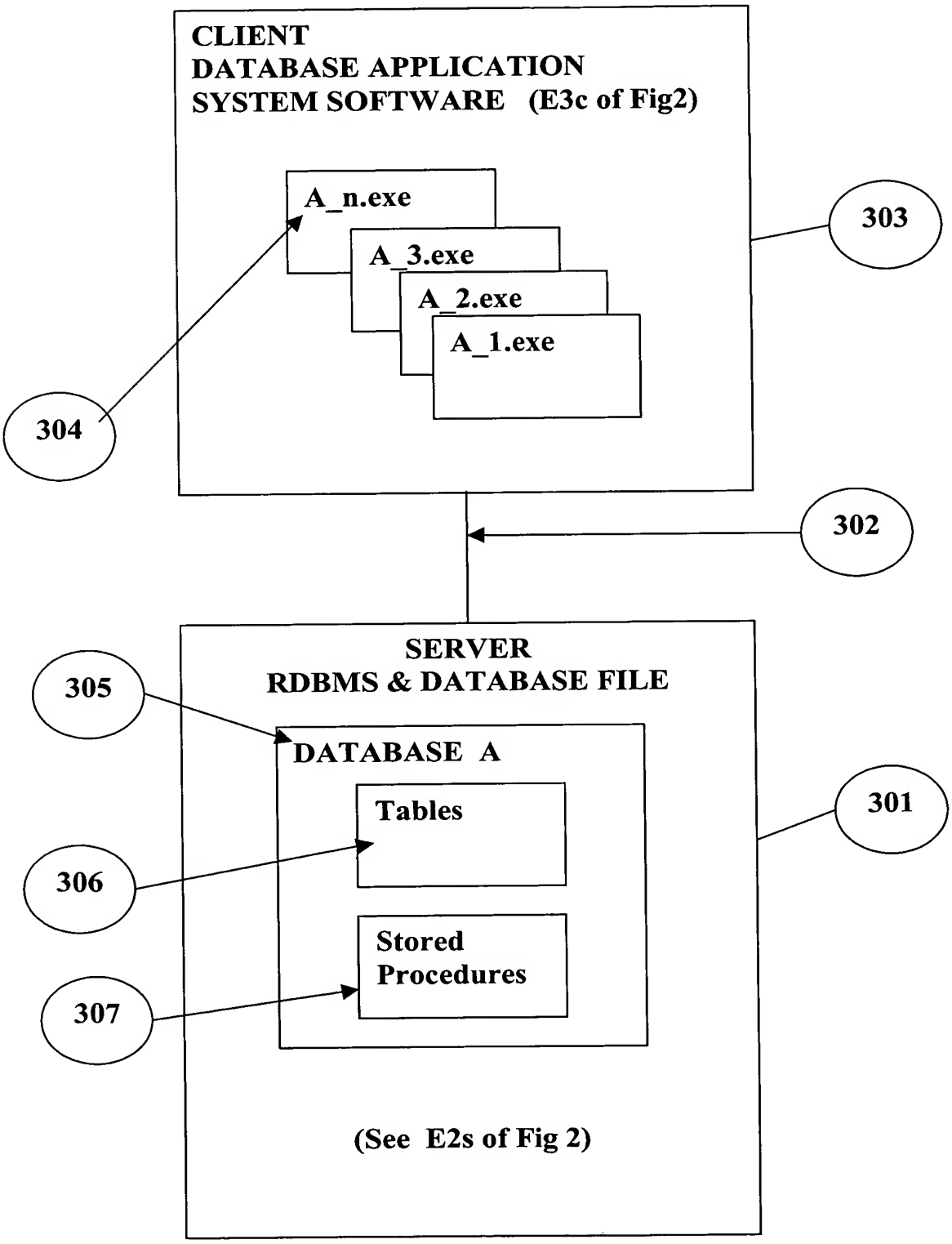


FIGURE 4

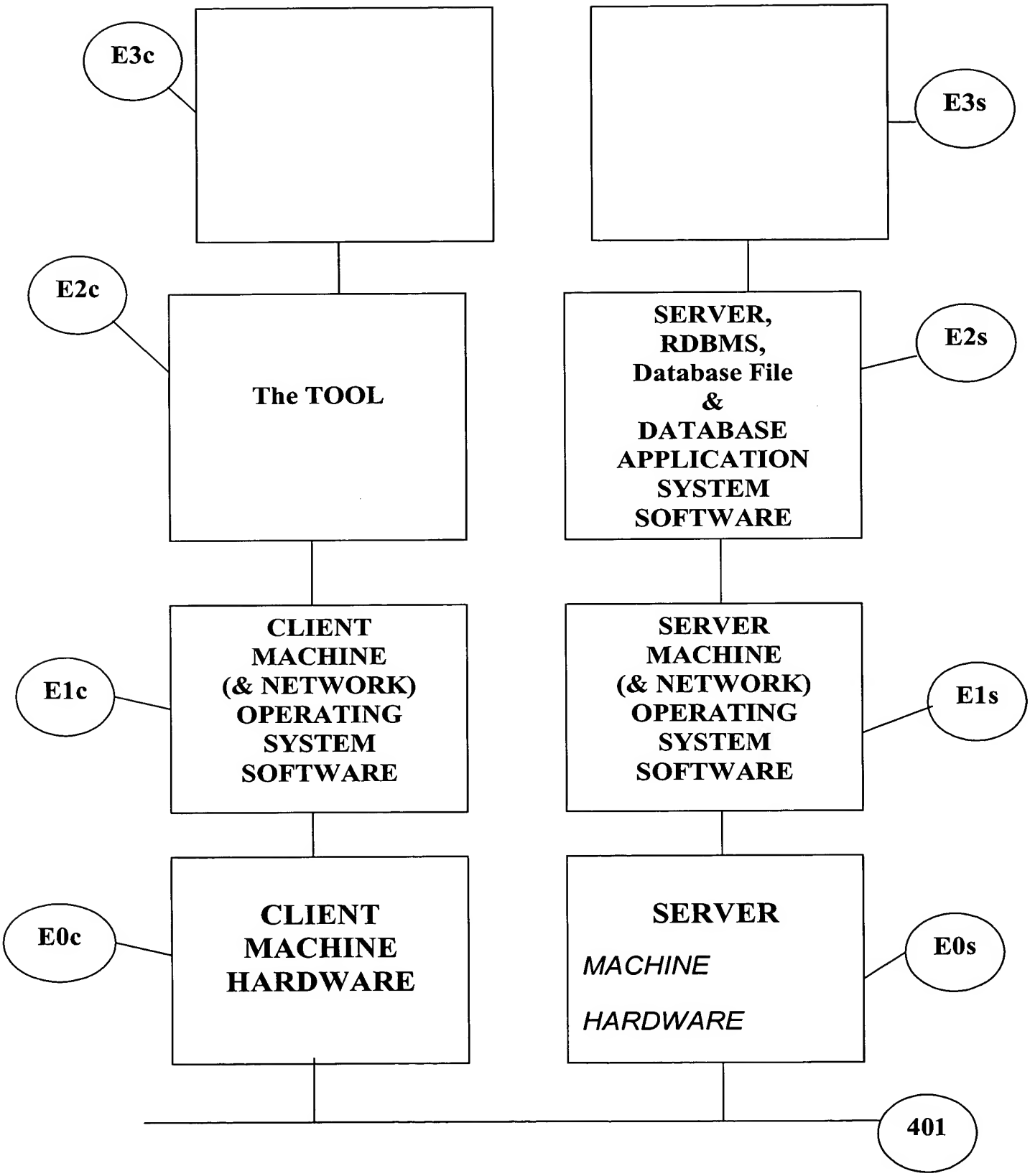

E3c
E3s
E2c
The TOOL
SERVER, RDBMS, Database File & DATABASE APPLICATION SYSTEM SOFTWARE
E2s
CLIENT MACHINE (& NETWORK) OPERATING SYSTEM SOFTWARE
E1c
SERVER MACHINE (& NETWORK) OPERATING SYSTEM SOFTWARE
E1s
CLIENT MACHINE HARDWARE
E0c
SERVER
MACHINE
HARDWARE
E0s
401

FIGURE 5

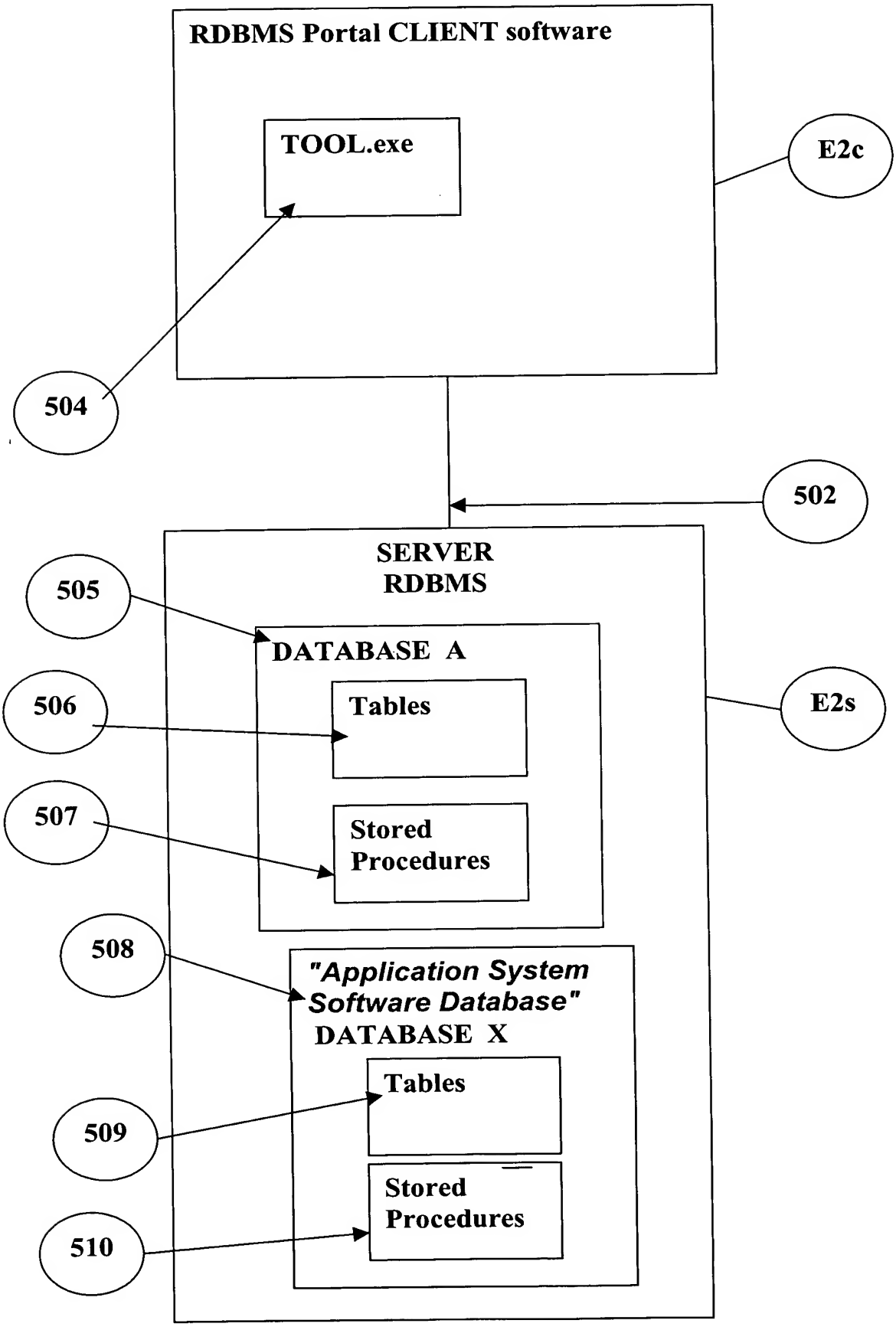

RDBMS Portal CLIENT software
TOOL.exe
E2c
504
502
SERVER
RDBMS
505
DATABASE A
506
Tables
E2s
507
Stored
Procedures
508
"Application System
Software Database"
DATABASE X
Tables
509
Stored
Procedures
510

FIGURE 6

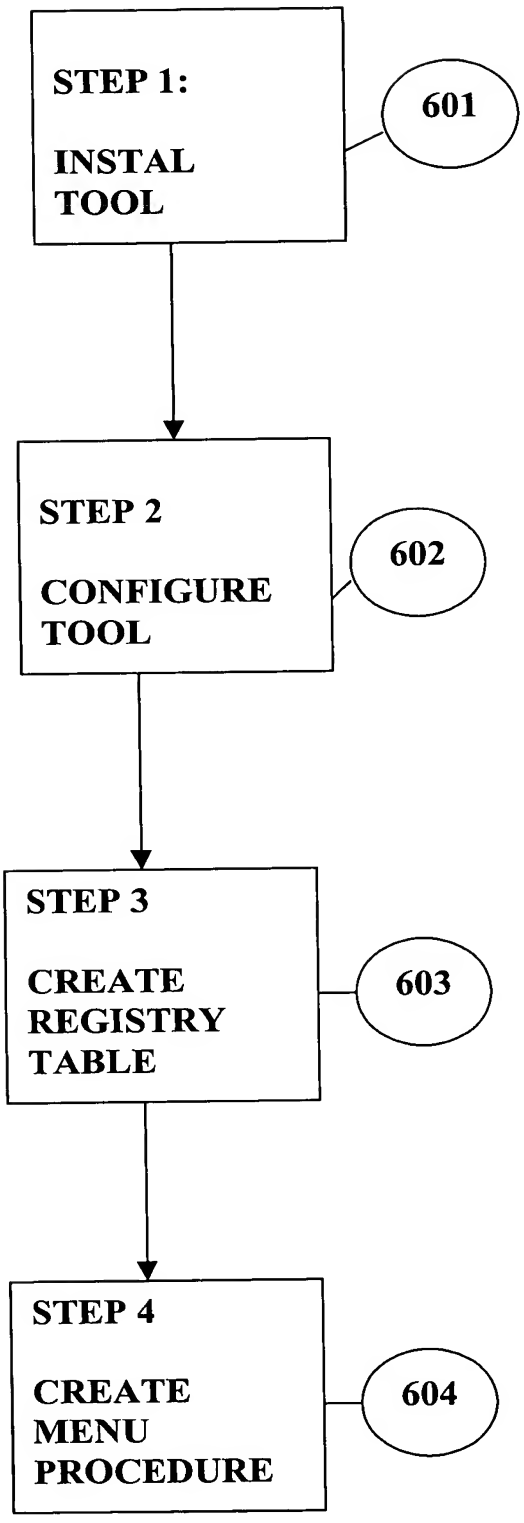

STEP 1:
INSTAL TOOL
601
STEP 2
CONFIGURE TOOL
602
STEP 3
CREATE REGISTRY TABLE
603
STEP 4
CREATE MENU PROCEDURE
604

FIGURE 7

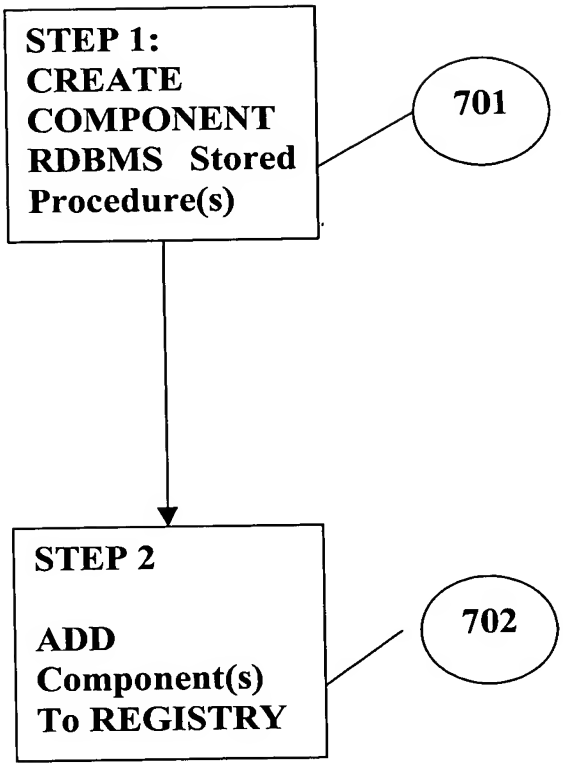

STEP 1:
CREATE
COMPONENT
RDBMS Stored
Procedure(s)
701
STEP 2
ADD
Component(s)
To REGISTRY
702

FIGURE 8

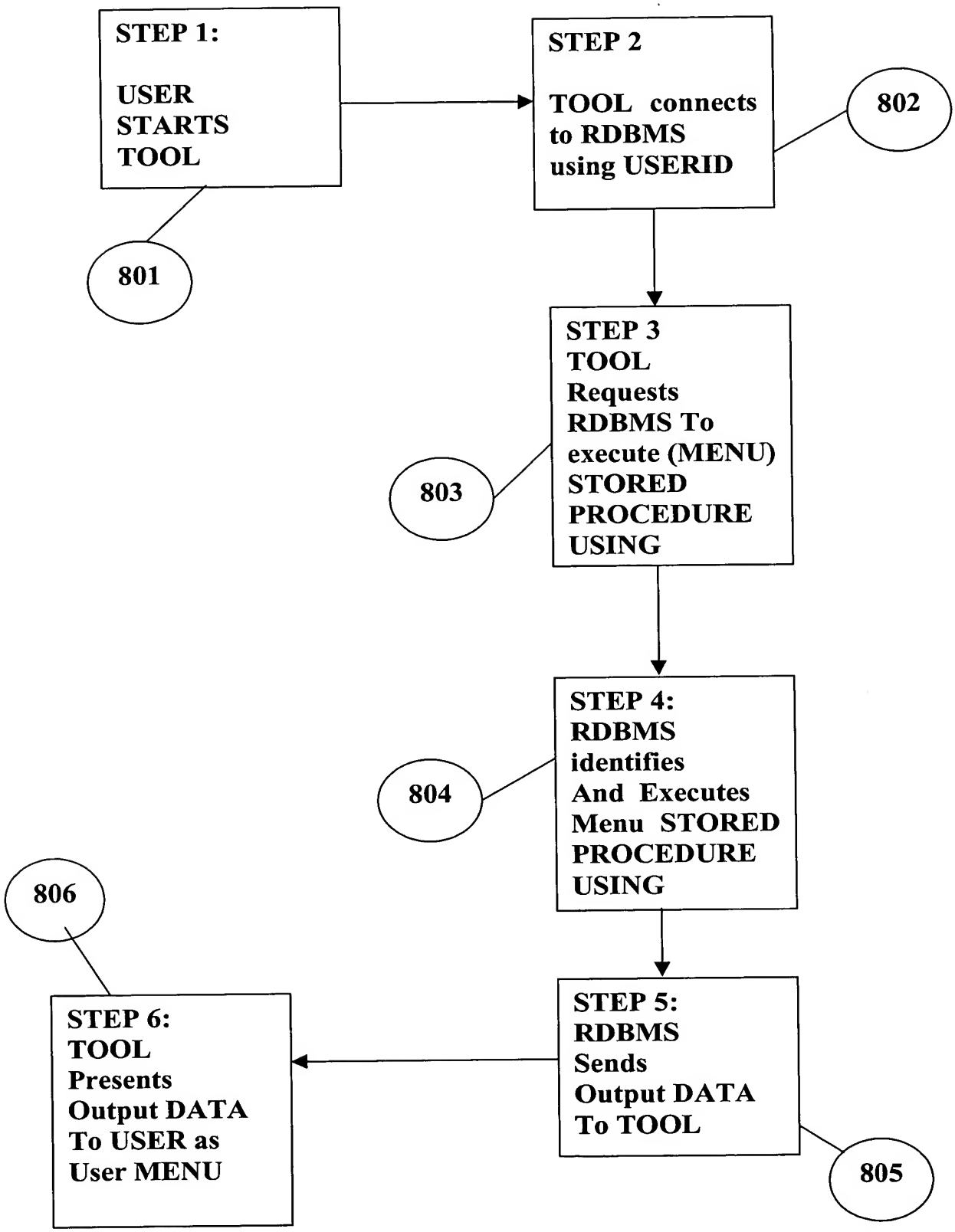
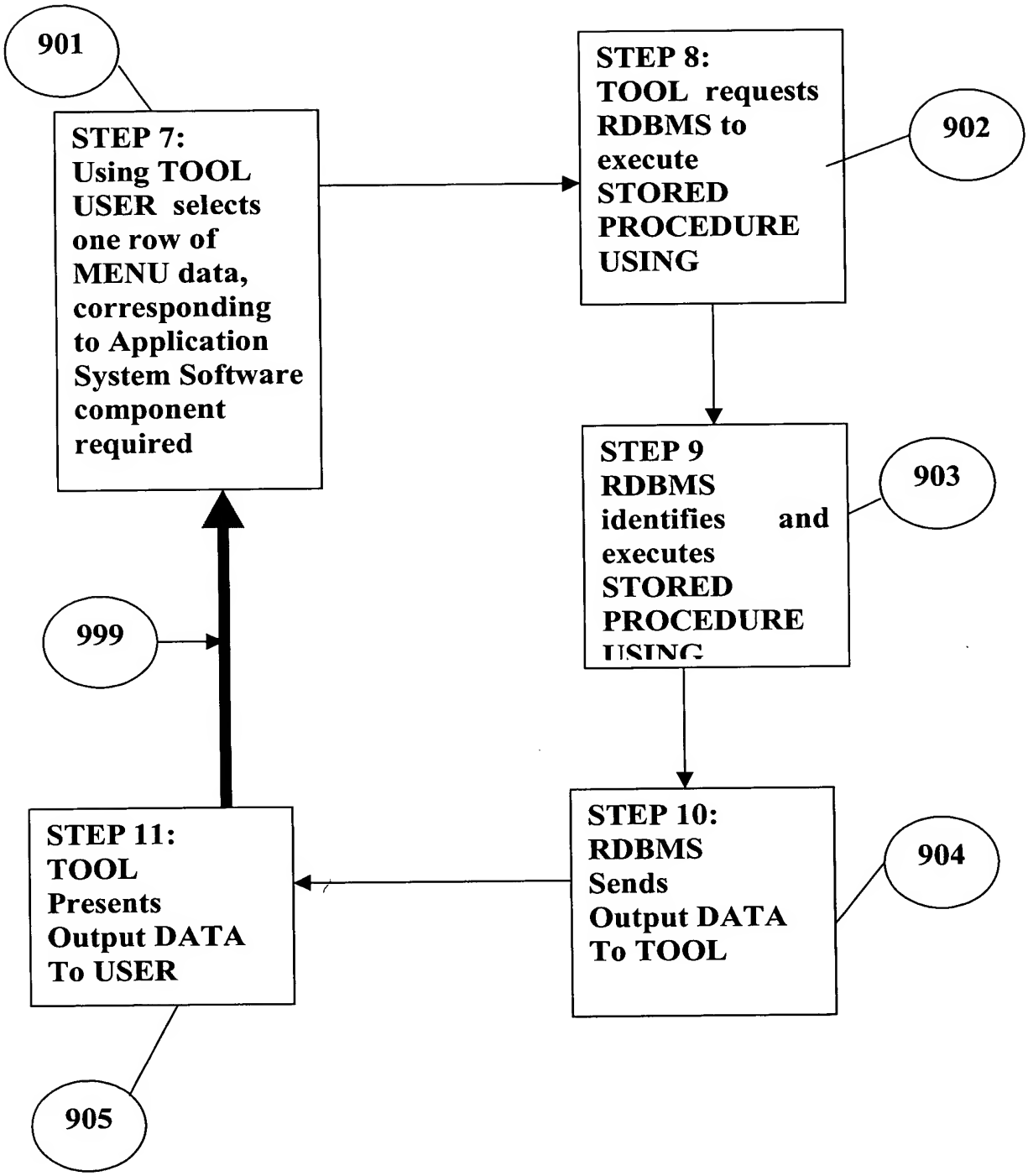

STEP 1:
USER STARTS TOOL
801
STEP 2
TOOL connects to RDBMS using USERID
802
STEP 3
TOOL Requests RDBMS To execute (MENU) STORED PROCEDURE USING
803
STEP 4:
RDBMS identifies And Executes Menu STORED PROCEDURE USING
804
STEP 5:
RDBMS Sends Output DATA To TOOL
805
STEP 6:
TOOL Presents Output DATA To USER as User MENU
806

FIGURE 9


901
STEP 7: Using TOOL USER selects one row of MENU data, corresponding to Application System Software component required
STEP 8: TOOL requests RDBMS to execute STORED PROCEDURE USING
902
STEP 9 RDBMS identifies and executes STORED PROCEDURE USING
903
999
STEP 10: RDBMS Sends Output DATA To TOOL
904
STEP 11: TOOL Presents Output DATA To USER
905